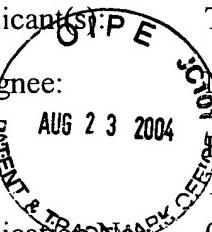
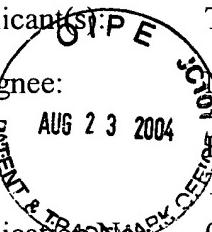
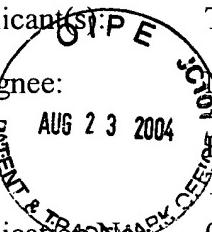


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):  Ttsu Koyama; Jason Peng; and Paul E. Cohen

Assignee:  NEC Electronics, Inc.

Title:  FOUR DIMENSIONAL EQUALIZER AND FAR-END CROSS TALK CANCELER IN GIGABIT ETHERNET SIGNALS

Application No.: 09/672,644 Filing Date: September 28, 2000

Examiner: Harry Vartanian Group Art Unit: 2634

Docket No.: NEC0235US Confirmation No.: 7976

Austin, Texas
August 18, 2004

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Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

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Technology Center 2600

RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

This paper is responsive to the Office Action dated June 9, 2004, having a shortened statutory period expiring on September 9, 2004. Further examination and reconsideration are respectfully requested in view of the amendments and remarks set forth below.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.